

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110222\
 Data File : VW025010.D
 Acq On : 02 Nov 2022 16:17
 Operator : SY/VA
 Sample : N5421-02
 Misc : 5.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C1114RE

Quant Time: Nov 03 06:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 23:51:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

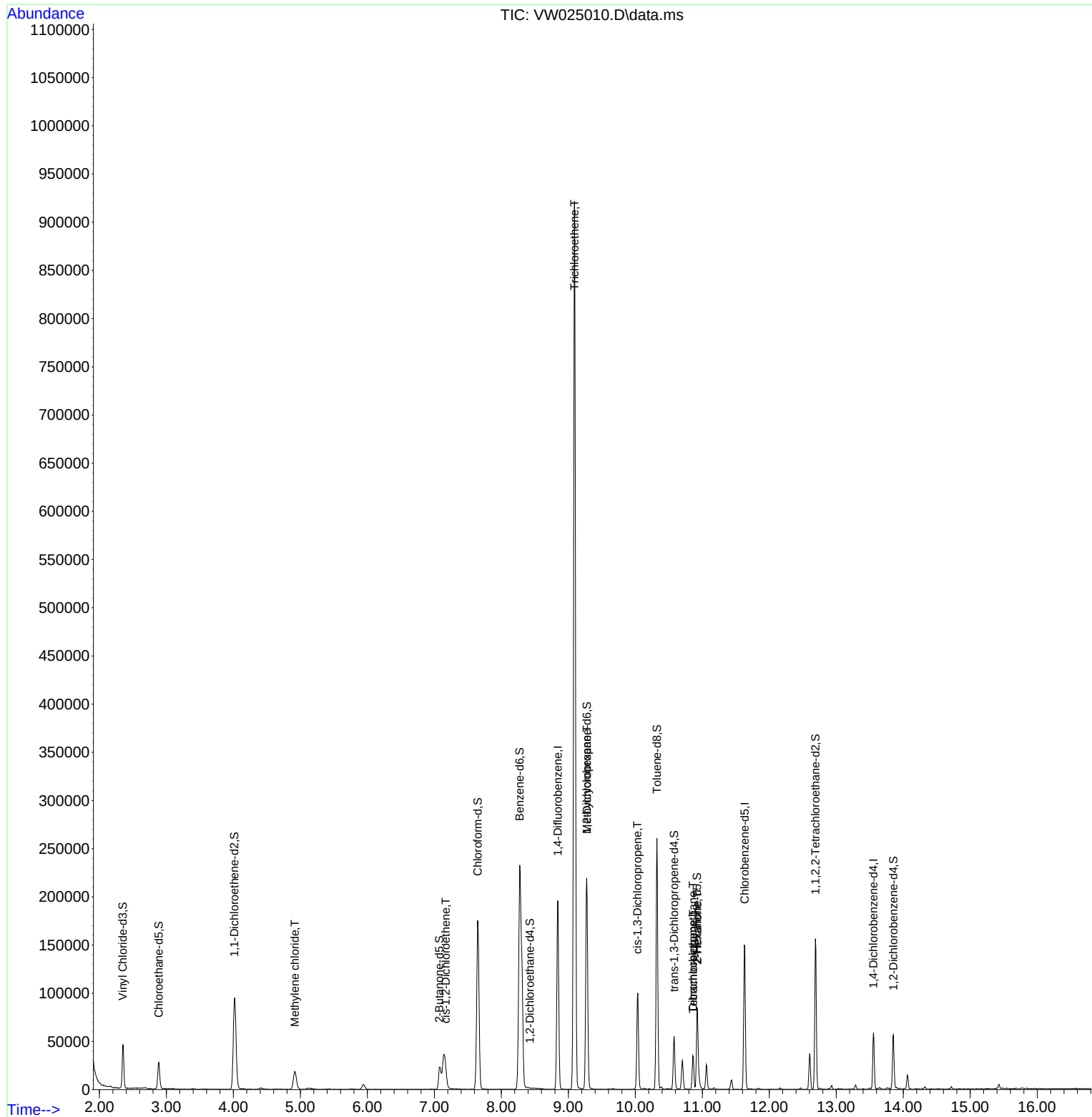
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156958	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	83240	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13912	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42497	24.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.480%
7) Chloroethane-d5	2.885	69	28290	27.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.640%
11) 1,1-Dichloroethene-d2	4.013	63	97335	22.180	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.720%
21) 2-Butanone-d5	7.074	46	40856	68.713	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.420%#
24) Chloroform-d	7.647	84	177242	37.209	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	148.840%
26) 1,2-Dichloroethane-d4	8.427	65	93	0.035	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.275	84	226680	42.486	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	169.960%#
36) 1,2-Dichloropropane-d6	9.274	67	96314	61.609	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	246.440%#
41) Toluene-d8	10.323	98	165118	33.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.960%#
43) trans-1,3-Dichloroprop...	10.579	79	31343	45.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	180.880%#
47) 2-Hexanone-d5	10.921	63	29341	108.651	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	217.300%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	74353	59.567	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	238.280%#
66) 1,2-Dichlorobenzene-d4	13.853	152	14072	26.321	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.280%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.915	84	15608	5.601	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	6329	2.785	ug/L	100
34) Trichloroethene	9.092	95	316882	238.803	ug/L	98
35) Methylcyclohexane	9.274	83	25829	11.455	ug/L	# 19
39) cis-1,3-Dichloropropene	10.030	75	3031	1.576	ug/L	# 76
46) Tetrachloroethene	10.866	164	7321	7.715	ug/L	94
48) 2-Hexanone	10.927	43	4686	9.491	ug/L	# 63
49) Dibromochloromethane	10.860	129	7224	6.452	ug/L	# 11

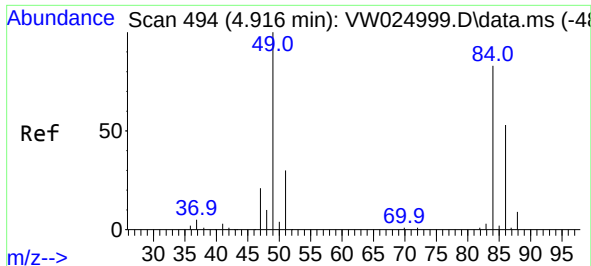
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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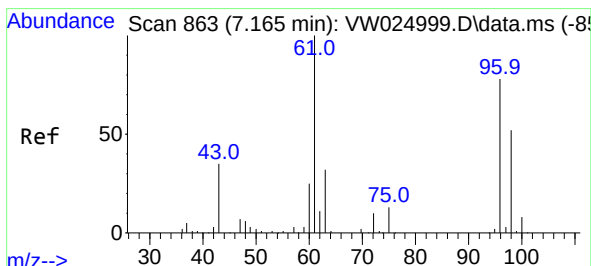
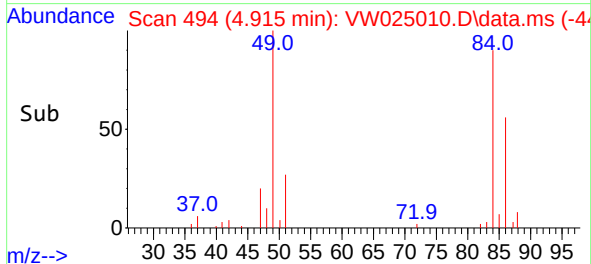
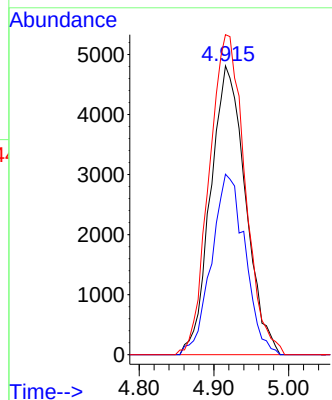
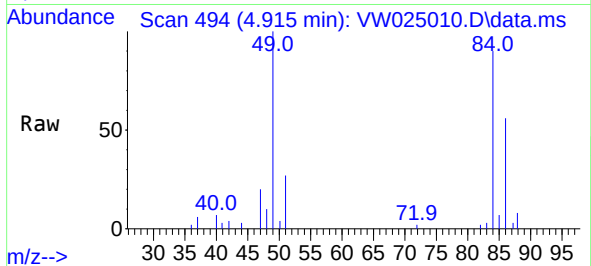




#16
Methylene chloride
Concen: 5.601 ug/L
RT: 4.915 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW025010.D
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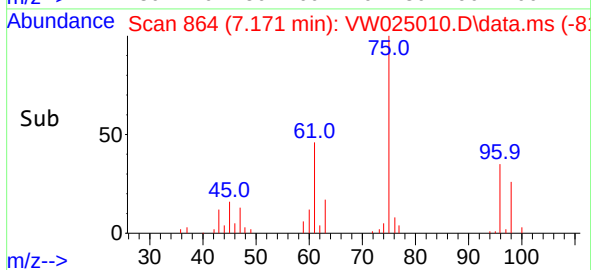
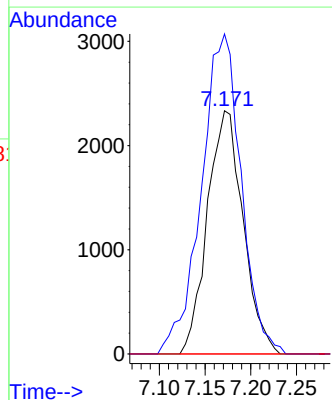
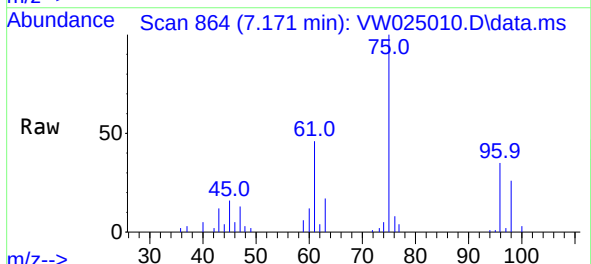
Instrument :
MSVOA_W
ClientSampleId :
C1114RE

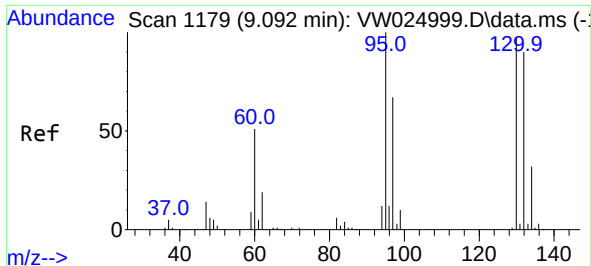
Tgt Ion: 84 Resp: 15608
Ion Ratio Lower Upper
84 100
86 62.5 42.6 79.0
49 110.8 81.9 152.1



#20
cis-1,2-Dichloroethene
Concen: 2.785 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025010.D
Acq: 02 Nov 2022 16:17

Tgt Ion: 96 Resp: 6329
Ion Ratio Lower Upper
96 100
61 131.6 91.8 170.6
68 0.0 0.0 0.0

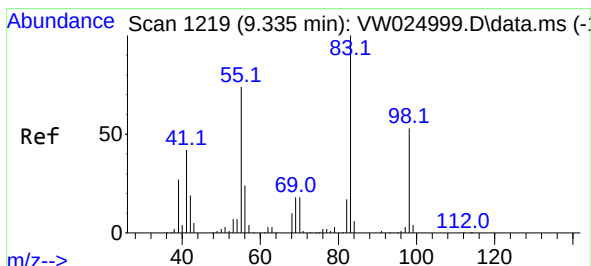
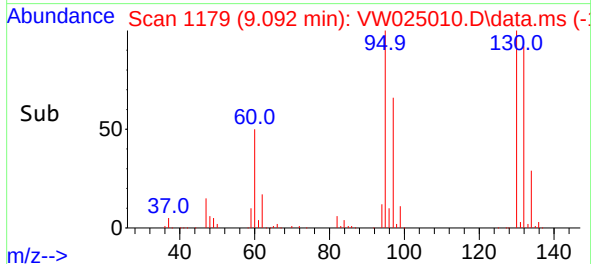
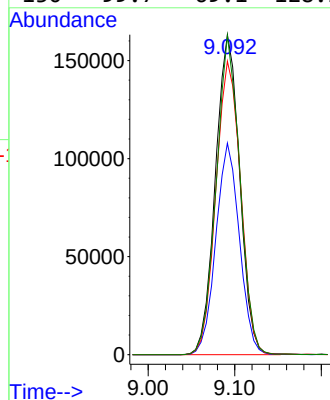
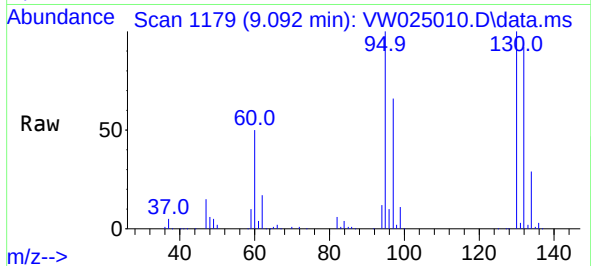




#34
Trichloroethene
Concen: 238.803 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025010.D
Acq: 02 Nov 2022 16:17

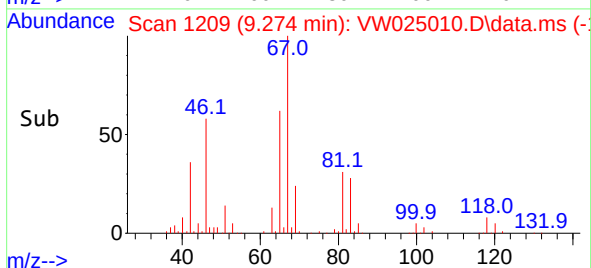
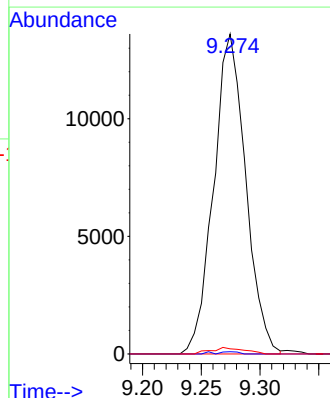
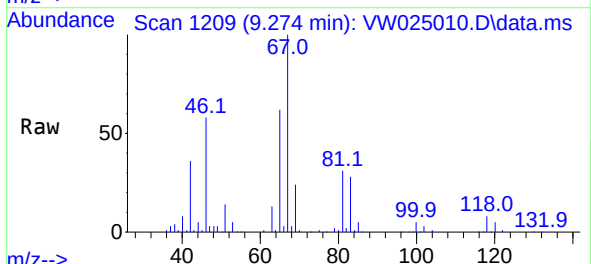
Instrument :
MSVOA_W
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C1114RE

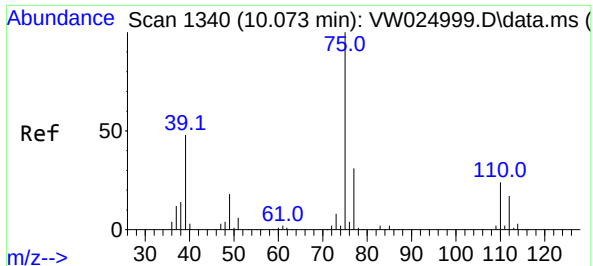
Tgt Ion: 95 Resp: 316882
Ion Ratio Lower Upper
95 100
97 66.1 44.7 83.1
132 91.7 62.6 116.2
130 99.7 69.1 128.3



#35
Methylcyclohexane
Concen: 11.455 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW025010.D
Acq: 02 Nov 2022 16:17

Tgt Ion: 83 Resp: 25829
Ion Ratio Lower Upper
83 100
55 0.4 60.4 90.6#
98 1.5 39.5 59.3#





#39

cis-1,3-Dichloropropene

Concen: 1.576 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW025010.D

Acq: 02 Nov 2022 16:17

Instrument :

MSVOA_W

ClientSampleId :

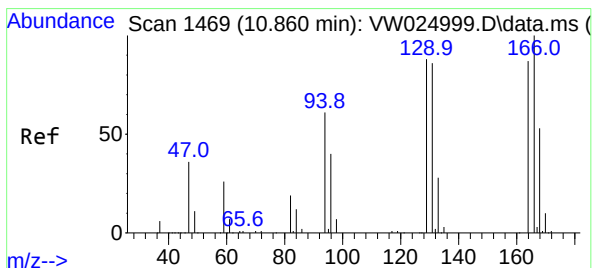
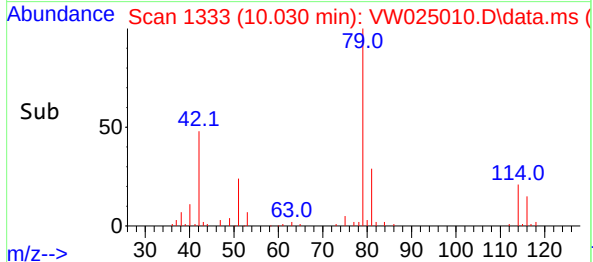
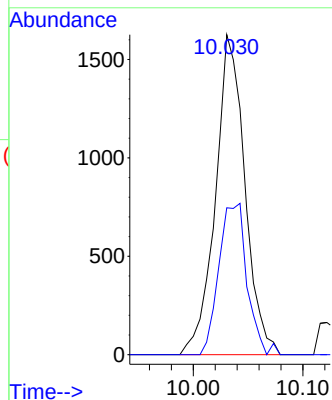
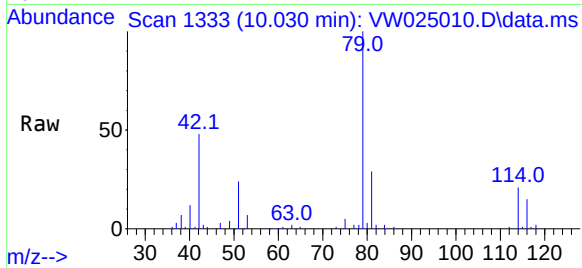
C1114RE

Tgt Ion: 75 Resp: 3031

Ion Ratio Lower Upper

75 100

77 45.9 22.6 42.0#



#46

Tetrachloroethene

Concen: 7.715 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW025010.D

Acq: 02 Nov 2022 16:17

Tgt Ion:164 Resp: 7321

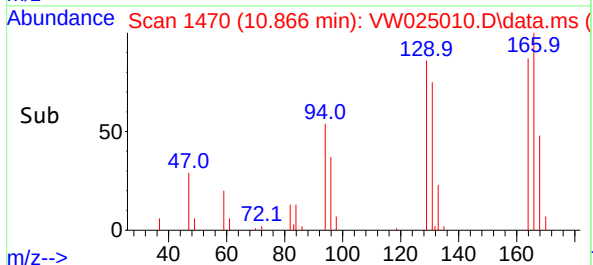
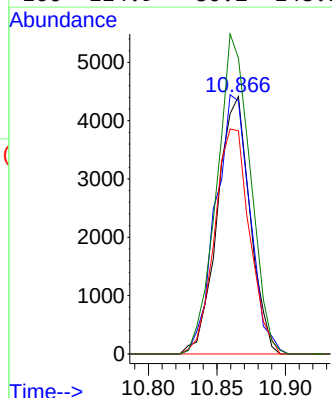
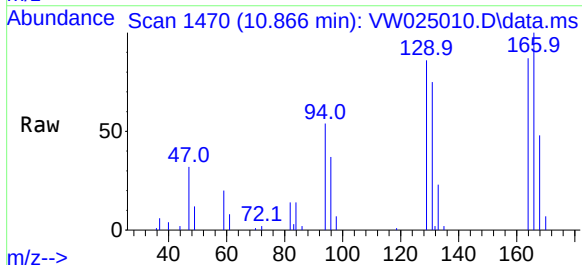
Ion Ratio Lower Upper

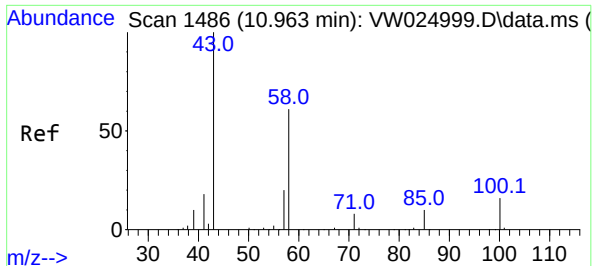
164 100

129 98.3 72.9 135.5

131 86.7 70.1 130.3

166 114.9 80.2 148.9

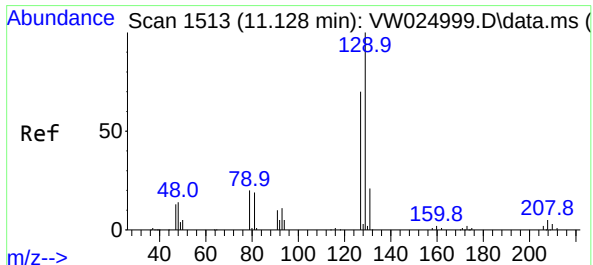
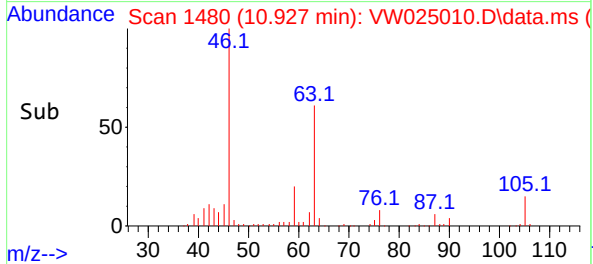
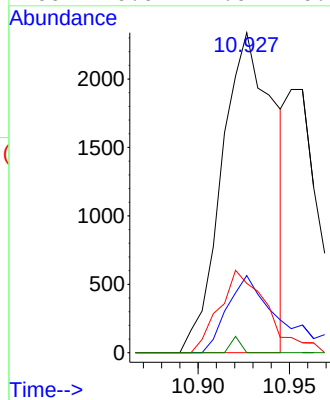
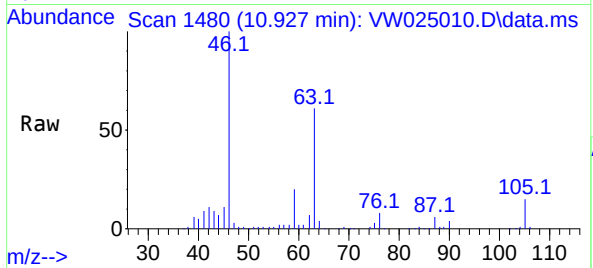




#48
2-Hexanone
Concen: 9.491 ug/L
RT: 10.927 min Scan# 1486
Delta R.T. -0.043 min
Lab File: VW025010.D
Acq: 02 Nov 2022 16:17

Instrument :
MSVOA_W
ClientSampleId :
C1114RE

Tgt Ion: 43	Resp: 4686
Ion Ratio	Lower Upper
43 100	
58 22.4	46.1 69.1#
57 23.5	16.2 24.2
100 0.0	11.0 16.6#



#49
Dibromochloromethane
Concen: 6.452 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW025010.D
Acq: 02 Nov 2022 16:17

Tgt	Ion:129	Resp:	7224
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.2	98.8#

